

ADHESIVE CYANOACRYLATE 472

MSDS Number

BQCNM

National Stock Number

8040-00-142-9193

Product Name

ADHESIVE CYANOACRYLATE 472

Manufacturer

LOCTITE CORP

Product Identification

Product ID:ADHESIVE CYANOACRYLATE 472

MSDS Date:11/17/1992

FSC:8040

NIIN:00-142-9193

MSDS Number: BQCNM

Responsible Party

LOCTITE CORPORATION

705-NORTH MOUNTAIN ROAD

NEWINGTON , CT 06111

US

Emergency Phone: 203-278-1280

Info Phone: 203-278-1280

Preparer: STEPHEN REPETTO

Cage: 05972

Contractor

RESIN FORMULATORS CO

CALVER CITY, CA 90232

US

213-870-9561

Cage: 03355

Ingredients

ETHYL CYANOACRYLATE

CAS: 7085-85-0

Fraction By Weight: 92.5%

POLY (METHYL METHACRYLATE)

CAS: 9011-14-7

RTECS: TR0400000

Fraction By Weight: 7%

HYDROQUINONE (SARA III)

CAS: 123-31-9

RTECS: MX3500000

Fraction By Weight: .5%

OSHA PEL2 MG/M3

ACGIH TLV: 2 MG/M3

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

(EPA METHOD 24) 91.0%; 99.2 GRAMS PER LITER

RTECS: 9999999VO

Hazards

Health Hazards Acute and Chronic:BONDS SKIN RAPIDLY & STRONGLY. SKIN & EYE IRRITANT. CYANOACRYLATE ADHESIVE IS A VERY FAST SETTING & STRONG ADHESIVE. IT BONDS HUMAN TISSUE INDLUDING SKIN IN SECONDS. ALMOST IMPOSSIBLE TO SWALLOW AS AD HESIVE SOLIDIFIES AND ADHERES IN THE MOUTH. SALIVA WILL LIFT ADHESIVE IN 1/2 TO 2 DAYS.IF BURNED GIVE STD TREATMENT.

Effects of Overexposure:VAPOR IS IRRITATING TO EYES AND MUCOUS MEMBRANES ABOVE TLV. PROLONGED AND REPEATED OVEREXPOSURE TO VAPOR MAY PRODUCE ALLERGIC REACTIONS WITH ASTHMA-LIKE SYMPTOMS IN CERTAIN INDIVIDUALS. DURING PERIOD OF EYE CONTAMINATION DOUBLE VISION MAY BE EXPERIENCED WITH LACHRYMATORY EFFECTS.

Medical Cond Aggravated by Exposure:NONE

First Aid

First Aid:SKIN ADHESION: IMMERSE BONDED SURFACES IN WARM SOAPY WATER. PEEL/ROLL SURFACES APART W/AID OF BLUNT EDGE. REMOVE ADHESIVE W/SOAP & WATER. DONT TRY TO PULL SRFCS APART. EYE ADHESION: WASH W/WARM WATER, APPLY GAUZE PATCH. EYE OPEN W/O FURTHER ACTION (1-4 DAYS). DISASSOCIATION NORMALLY OCCURS W/IN HRS.

Fire Fighting

Flash Point:150 TO 200 F

Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL

Fire Fighting Procedures:NONE REQUIRED

Unusual Fire/Explosion Hazard:NONE

Accidental Release

Spill Release Procedures:FLOOD WITH WATER TO POLYMERIZE. SOAK UP WITH AN INERT ABSORBENT.

Handling

Handling and Storage Precautions:AVOID CONTACT WITH SKIN AND EYES. AVOID BREATHING VAPORS. STORE AT OR BELOW 75 F TO MAXIMIZE SHELF LIFE.

Exposure Controls

Respiratory Protection:NONE REQUIRED

Ventilation:POSITIVE DOWN DRAFT EXHAUST VENTILATION SHOULD BE PROVIDED TO MAINTAIN VAPOR CONCENTRATION BELOW TLV.

Protective Gloves:POLYETHYLENE GLOVES RECOMMEND-NOT COTTON

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:NONE

Supplemental Safety and Health

IF LUMP FORMS IN MOUTH, PREVENT INGESTION.

Chemical Properties

HCC:V4

Boiling Pt:B.P. Text:>300F,>149C

Vapor Pres:Vapor Density:APPROX 3

Spec Gravity:1.09@75F(WTR=1)

Viscosity:250 CPS

Solubility in Water:POLYMERIZED BY WATER

Appearance and Odor: CLEAR LIQUID, SHARP, IRRITATING
Percent Volatiles by Volume: 91.0

Stability

Stability Indicator/Materials to Avoid: YES
POLYMERIZED BY CONTACT WITH WATER, ALCOHOLS, AMINES, ALKALIES.
Hazardous Decomposition Products: NONE

Disposal

Waste Disposal Methods: POLYMERIZE AS ABOVE. INCINERATE IN ACCORDANCE
WITH EPA AND LOCAL REGULATIONS.

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